

HELP PROTECT WILSON SPRINGS

► FIND YOUR PROPERTY ON THE WILSON SPRINGS WATERSHED MAP:

The area outlined in **GREEN** is the Wilson Springs Preserve. The area shaded in **BLUE** is the watershed surrounding Wilson Springs. **A watershed is an area of land that drains to a certain point, in this case, the Wilson Springs Preserve. Chemicals, sediment and other pollutants are carried with runoff from surrounding properties.**



Wilson Springs Watershed Map ©NWALT

► CONSIDER HOW YOU USE YOUR PROPERTY:

Whether you have a home, business, farm or undeveloped parcel, the activities that take place on your property can have a direct impact on wildlife habitat and water quality at Wilson Springs.

EXAMPLES INCLUDE:

- Herbicides and pesticides sprayed anywhere in the watershed are carried in runoff directly to the wetland. This is particularly important for sensitive aquatic species, such as the Arkansas darter, and their habitat.
- Sediment (small particles of rock and soil) generated during construction activity can be carried into the preserve's wetland and streams. Sediment is one of the top threats to water quality in our region. Even small amounts of sediment can cover fish and amphibian eggs and impair water quality in small streams.
- Increased development brings more hard surfaces to the watershed, such as pavement and rooftops, speeding the flow of runoff toward Wilson Springs. This increases flood potential and transports increased amounts of urban pollutants.

LEARN MORE AT WWW.NWALANDTRUST.ORG

OVER ►

BEST MANAGEMENT PRACTICES

PLEASE CONSIDER THESE PRACTICES ON YOUR PROPERTY



1. CONSERVE LAND AROUND WILSON SPRINGS

- Preservation can be a win-win for development and the community. People enjoy living and working near conserved green spaces.
- Consider incorporating conservation zones, such as connective greenways, stream buffers, and wetland areas into your development project.
- Contact the land trust at 479-966-4666 to discuss potential options and benefits.

2. MAINTAIN VEGETATED BUFFERS ALONG DRAINAGE WAYS

- Leave a vegetated buffer strip along drainage ways and streams.
- If you mow along a drainage way or stream, keep your mower set to the highest setting and consider mowing only a few times per year.
- Consider adding native trees and shrubs in your buffer zone.
- Most streams in the Wilson Springs watershed are protected by the city of Fayetteville's Streamside Protection Ordinance. To learn more, go to www.accessfayetteville.org/government/engineering/programs/Streamside_Protection_Ordinance.cfm



3. LIMIT CHEMICAL USAGE

- Eliminate or limit the use of pesticides, herbicides and fertilizers.
- If applying chemicals, spot-treat instead of broadcasting.
- Do not apply chemicals within 5 days of an expected rain event.
- Do not apply chemicals in or near standing water.
- The Arkansas Highway and Transportation Department, as well as

the Southwestern Electric Power Company, maintain a "no spray zone" around Wilson Springs. Please join them in this practice.

4. YARD MAINTENANCE

- Pick up pet waste regularly and dispose of it in the trash.
- Dispose of leaves and grass clippings through city curbside collection.
- Use native plants in your landscaping and avoid non-native or invasive varieties that can disperse onto the preserve.
- Consider installing an attractive rain garden at your home or business.
- For information on rain gardens, visit www.irwp.org/conservation-and-restoration/rain-gardens/.



Contact the Northwest Arkansas Land Trust at 479-966-4666 or go to www.nwlandtrust.org for more information.

We are happy to make site visits to your property to discuss BMP implementation.

Please let us know if you are employing these or other BMP's so we can thank and recognize you!